

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/IL2004/001120

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B01D53/14 B01D53/64

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B01D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data, PAJ, BIOSIS, IBM-TDB, INSPEC, EMBASE

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WILLIAM ELLISON: "Chemical process design alternatives to gain simultaneous NOx removal in scrubbers" 9 December 2003 (2003-12-09), ELLISON CONSULTANTS PAPER FOR PRESENTATION AT POWER-GEN INTERNATIONAL, LAS VEGAS, NV , XP002324631 page 1 - page 11 page 7 - page 8, in particular -----	1-14
A	WO 01/26784 A (LEXTRAN LTD; KHITRIK, ADOLF; PIPKO, GREGORI; DORON, BENJAMIN) 19 April 2001 (2001-04-19) claims 1-15 ----- -/--	1-14

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- \*A\* document defining the general state of the art which is not considered to be of particular relevance
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- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

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- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

14 April 2005

Date of mailing of the international search report

02/05/2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 419 834 A (STRATEN ET AL) 30 May 1995 (1995-05-30) column 3, line 41 - line 62 column 7, line 11 - line 55; figure 4	1-14
A	DATABASE BIOSIS 'Online! BIOSCIENCES INFORMATION SERVICE, PHILADELPHIA, PA, US; 1989, JIA J ET AL: "PETROLEUM SULFOXIDE EXTRACT-LEACH RESIN A NEW RESIN FOR TREATMENT OF WASTEWATER CONTAINING METHYLMERCURY" XP002324632 Database accession no. PREV199089131793 abstract & HUANJING KEXUE, vol. 10, no. 4, 1989, pages 40-44, 96, ISSN: 0250-3301	1-14
A	FRANCIS T ET AL: "LIQUID-LIQUID EXTRACTION OF HG(II) FROM ACIDIC CHLORIDE SOLUTIONS USING BIS-2-ETHYLHEXYL SULFOXIDE" JOURNAL OF CHEMICAL TECHNOLOGY AND BIOTECHNOLOGY. (INTERNATIONAL JOURNAL OF BIOTECHNICAL AND CHEMICAL PROCESSES), ELSEVIER APPLIED SCIENCE PUBLISHERS. BARKING, GB, vol. 76, no. 7, July 2001 (2001-07), pages 737-742, XP001092360 ISSN: 0268-2575 abstract paragraph '0001!	1-14

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0126784	A	19-04-2001	AT 243065 T	15-07-2003
			AU 7814500 A	23-04-2001
			DE 60003446 D1	24-07-2003
			DE 60003446 T2	06-05-2004
			EP 1225967 A1	31-07-2002
			WO 0126784 A1	19-04-2001
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			DE 9303842 U1	19-08-1993
			EP 0609687 A1	10-08-1994